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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT  
Attorney Docket No.: 020829-000100US  
Client Reference No.: P433259 TVG/add

In re application of:

CHRISTELLER et al.

Application No.: 09/743,690

Filed: May 11, 2001

For: CHIMERIC POLYPEPTIDES  
ALLOWING EXPRESSION OF PLANT-  
NOXIOUS PROTEINS

Examiner: Anne R. Kubelik

Art Unit: 1638

INFORMATION DISCLOSURE  
STATEMENT UNDER 37 CFR §1.97 and  
§1.98

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

CHRISTELLER et al.  
Application No.: 09/743,690  
Page 2

Respectfully submitted,



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60106507 v1



<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	09/743,690	
			Filing Date	May 11, 2001	
			First Named Inventor	John Tane Christeller	
			Art Unit	1638	
Sheet	1	of	2	Examiner Name	Anne R. Kubelik
				Attorney Docket Number	020829-000100US

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U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
	AA	5,168,049	12/01/1992	Meade et al.	
	AB	5,276,269	01/04/1994	Raikhel	
	AC	5,525,713	06/11/1996	Raikhel	
	AD	5,889,174	03/30/1999	Warren et al.	
	AE	5,908,975	06/01/1999	Caimi et al.	
	AF	5,990,390	11/23/1999	Lundquist et al.	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	AG	WO	89/03422	A1	04/20/1989	British Bio-Technology Limited		<input type="checkbox"/>
	AH	WO	92/14831	A1	09/03/1992	The Salk Institute Biotechnology/Industrial Associates, Inc.		<input type="checkbox"/>
	AI	WO	96/30530	A1	10/03/1996	Pioneer Hi-Bred International, Inc.		<input type="checkbox"/>
	AJ	WO	96/40949	A1	12/19/1996	Pioneer Hi-Bred International, Inc.		<input type="checkbox"/>
	AK	WO	98/11235	A2	03/19/1998	Novartis AG		<input type="checkbox"/>

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.  
60106507 v1



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			Application Number	09/743,690	
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			Examiner Name	Anne R. Kubelik	
Sheet	2	of	2	Attorney Docket Number	020829-000100US

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	AL	DI SANSEBASTIANO, Gian-Pietro <i>et al.</i> ; "Specific accumulation of GFP in a non-acidic vacuolar compartment via a C-terminal porpeptide-mediated sorting pathway"; <u>The Plant Journal</u> ; 1998; pp. 449-457; Vol. 15, No. 4	
	AM	FARRELL, Leigh B. and Roger N. Beachy; "Manipulation of $\beta$ -glucuronidase for use as a reporter in vacuolar targeting studies"; <u>Plant Molecular Biology</u> ; 1990; pp. 821-825; Vol. 15; Kluwer Academic Publishers; Belgium	
	AN	GUAN, Xuen and Eve S. Wurtele; "Expression of <i>Streptavidin</i> gene in tobacco and its effects on bacteria"; <u>Plant Physiol.</u> ; 1993; p. 45; Vol. 102 (suppl.)	
	AO	HOOD, Elizabeth E. <i>et al.</i> ; "Commercial production of avidin from transgenic maize: characterization of transformant, production, processing, extraction and purification"; <u>Molecular Breeding</u> ; 1997; pp. 291-306; Vol. 3; Kluwer Academic Publishers; Belgium	
	AP	HOOD, E. E. <i>et al.</i> ; "Transgenic corn: a new source of valuable industrial products" (ABSTRACT); <u>Proceedings of the 1998 Corn Utilization and Technology Conference</u> ; June 1-3, 1998; pp. 101-104; Corn Refiners Association Inc.; U.S.A.	
	AQ	HOOD, Elizabeth E. <i>et al.</i> ; "Molecular farming of industrial proteins from transgenic maize"; <u>Chemicals via Higher Plant Bioengineering</u> (Shahidi <i>et al.</i> , eds.); 1999; pp. 127-147; Kluwer Academic/Plenum Publishers; New York	
	AR	MORGAN T. D. <i>et al.</i> ; "Avidin and streptavidin as insecticidal and growth inhibiting dietary proteins"; <u>Entomol. exp. appl.</u> ; 1993; pp. 97-108; Vol. 69; Kluwer Academic Publishers; Belgium	

Examiner Signature		Date Considered	
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